Area of Study: Information Technology Education

Pathway: Information Support & Services

Database Development & Administration

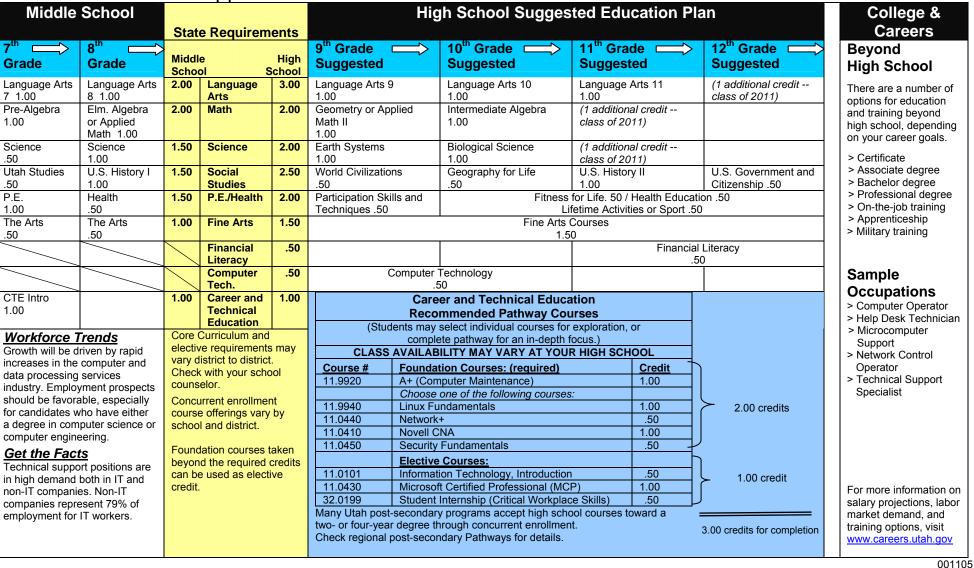


	Dalaba	Se L	revelop	шеп	it & Administration				•		
Middle	State Requirements			Hiç	College & Careers						
7 th Crade	8 th Grade	Middl Scho		High School	9 th Grade	10 th Grade \Longrightarrow Suggested	11 th Grade Suggested	Suggested	Beyond High School		
Language Arts 7 1.00 Pre-Algebra 1.00	Language Arts 8 1.00 Elm. Algebra or Applied Math 1.00	2.00	Language Arts Math	2.00	Language Arts 9 1.00 Geometry or Applied Math II 1.00	Language Arts 10 1.00 Intermediate Algebra 1.00	Language Arts 11 1.00 (1 additional credit class of 2011)	(1 additional credit class of 2011)	There are a number of options for education and training beyond high school, depending		
Science .50 Utah Studies .50 P.E.	Science 1.00 U.S. History I 1.00 Health	1.50 1.50 1.50	Science Social Studies P.E./Health	2.00 2.50 2.0	Earth Systems 1.00 World Civilizations .50 Participation Skills and		(1 additional credit class of 2011) U.S. History II 1.00 for Life. 50 / Health Educa		on your career goals. > Certificate > Associate degree > Bachelor degree > Professional degree		
1.00 The Arts .50	.50 The Arts .50	1.00	Fine Arts Financial Literacy	1.50	Techniques .50	Li Fine Arts 1.5	0	al Literacy	On-the-job trainingApprenticeshipMilitary training		
CTE Intro		1.00	Computer Tech. Career and Technical	1.00	Computer Care Reco	Sample Occupations > Database Administrator					
Workforce Trends Computer systems analysts, database administrators, and computer scientists are expected to be among the fastest growing occupations through the year 2012. Get the Facts Information Technology workers are needed in nearly every industry. The demand for technically skilled workers is growing in almost every industry, not just in those considered high-tech.		Education Core Curriculum and elective requirements may vary district to district. Check with your school counselor. Concurrent enrollment course offerings vary by school and district. Foundation courses taken beyond the required credits can be used as elective credit.		Recommended Pathway Courses (Students may select individual courses for explor complete pathway for an in-depth focus.) CLASS AVAILABILITY MAY VARY AT YOUR HIGH Course # Foundation Courses: (required) 11.0301 Database Development I Choose one of the following courses: 11.0201 Computer Programming I 11.0301 Database Development II Elective Courses: 11.0101 Information Technology, Introduction 11.0202 Computer Programming II 32.0199 Student Internship (Critical Workplace Skill Many Utah post-secondary programs accept high school coutwo- or four-year degree through concurrent enrollment. Check regional post-secondary Pathways for details.		Exploration, or focus.) R HIGH SCHOOL	2.00 credits 1.00 credit 3.00 credits for completion	> Database Architect > Database Design Analyst > Database Developer > Database Engineer > Information Scientist For more information on salary projections, labor market demand, and training options, visit www.careers.utah.gov			

Area of Study: Information Technology Education

Pathway: Information Support & Services

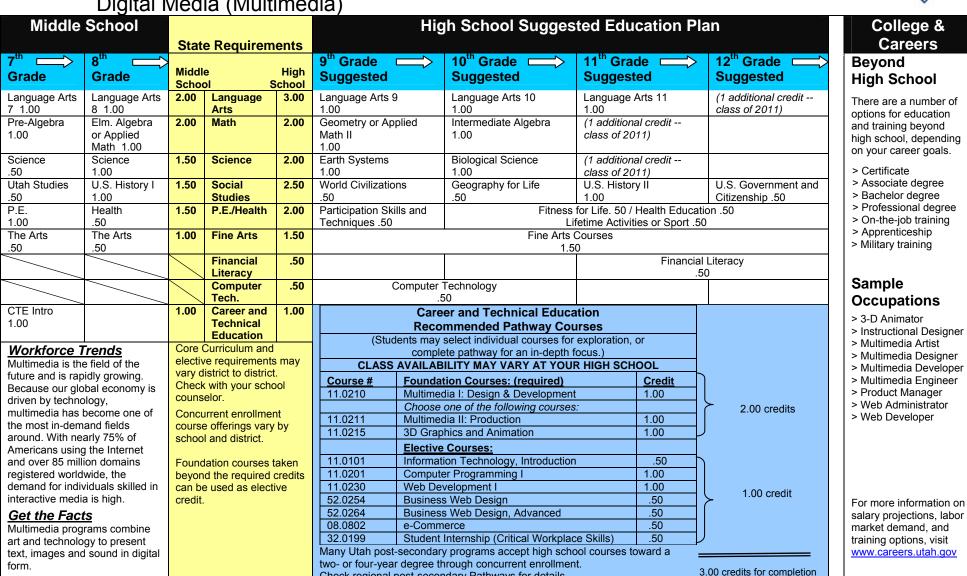
Technical Support



Area of Study: Information Technology Education

Pathway: Interactive Media

Digital Media (Multimedia)



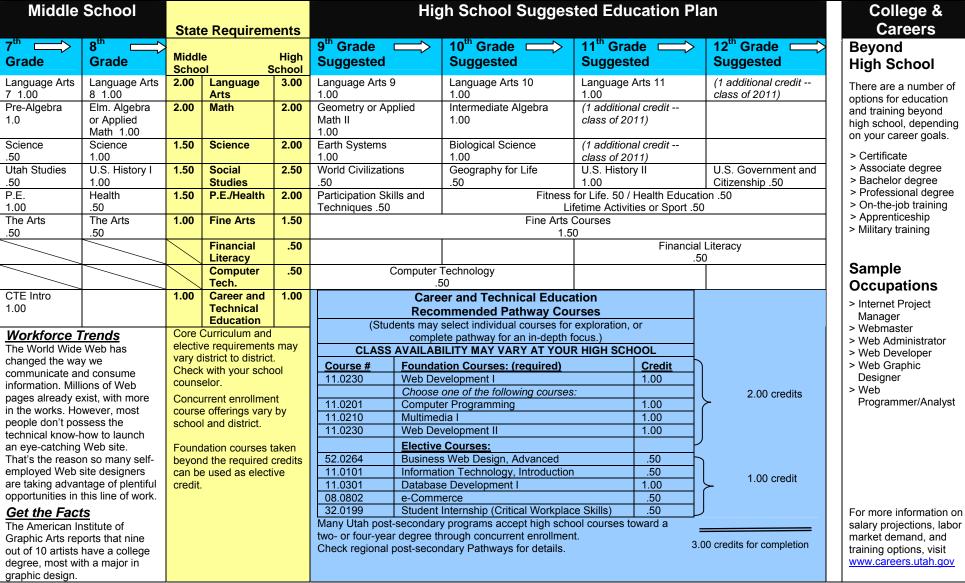
Check regional post-secondary Pathways for details.

001102

Area of Study: Information Technology Education

Pathway: Interactive Media

Web Development & Administration



001106

High School to College and Career Pathway: Secondary Area of Study: Information Technology Education

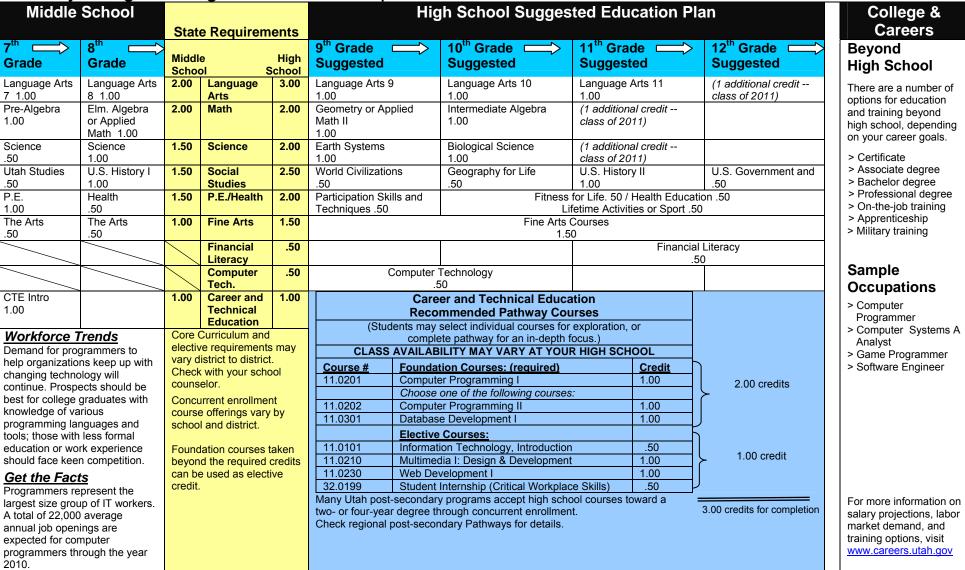
Pathway: Network Systems



Middle School		State Requirements			Hiç	College & Careers			
7 th \Longrightarrow Grade	8 th Grade	Middl School		High School	9 th Grade	10 th Grade Suggested	11 th Grade □ Suggested	12 th Grade Suggested	Beyond High School
Language Arts 7 1.00	Language Arts 8 1.00	2.00	Language Arts	3.00	Language Arts 9 1.00	Language Arts 10 1.00	Language Arts 11 1.00	(1 additional credit class of 2011)	There are a number of options for education
Pre-Algebra 1.00	Elm. Algebra or Applied Math 1.00	2.00	Math	2.00	Geometry or Applied Math II 1.00	Intermediate Algebra 1.00	(1 additional cred class of 2011)		and training beyond high school, depending on your career goals.
Science .50	Science 1.00	1.50	Science	2.00	Earth Systems 1.00	Biological Science 1.00	(1 additional cred class of 2011)	it	> Certificate
Utah Studies .50	U.S. History I 1.00	1.50	Social Studies	2.50	World Civilizations .50	Geography for Life .50	U.S. History II 1.00	U.S. Government and Citizenship .50	Associate degreeBachelor degree
P.E. 1.00	Health .50	1.50	P.E./Health	2.00	Participation Skills and Techniques .50	> Professional degree > On-the-job training			
The Arts .50	The Arts .50	1.00	Fine Arts	1.50		ApprenticeshipMilitary training			
			Financial Literacy	.50			F	inancial Literacy .50	
			Computer Tech.	.50		Technology 50			Sample Occupations
Workforce Trends Growth will be driven by rapid increases in the computer and data processing services industry. Get the Facts The term "computer bug" was coined in the 1940s, when an insect got into a relay in a primitive electromechanical computer, causing computer malfunctions.		1.00 Career and Technical Education Core Curriculum and elective requirements may vary district to district. Check with your school counselor. Concurrent enrollment course offerings vary by school and district. Foundation courses taken beyond the required credits can be used as elective credit.			Care Reco (Students may comple CLASS AVAILAE Course # Founda	> LAN Administrator > Network Analyst > Network Engineer > Telecommunication Manager			
					Choose 11.0410 Certified 11.0420 Cisco C 11.0430 Microso 11.0440 Netw	1.5 credits from the following Novell Administrator (CNA ertified Network Administratift Certified Professional (Motork +	1.00 tor (CCNA) 1.00	1.50 credits	
					11.0101 Informat 11.9920 A+ (Con 11.9940 Linux Ft 11.0450 Security 32.0199 Student	tion Technology, Introduction nputer Maintenance) undamentals Fundamentals Internship (Critical Workpla	1.00 1.00 .50 ace Skills) .50	1.50 credits	
					Many Utah post-secondar two- or four-year degree the Check regional post-secon	For more information on salary projections, labor market demand, and training options, visit www.careers.utah.gov			

Area of Study: Information Technology Education

Pathway: Programming/Software Development



001104 Revised Jan 08